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U. S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS  
Washington 25, D. C.

Letter  
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(Superseding  
LC941)

January 24, 1950

STANDARDS AND SPECIFICATIONS  
FOR BUILDING AND CONSTRUCTION MATERIALS,  
FIXTURES, SUPPLIES, AND EQUIPMENT

Commercial Standards, Simplified Practice Recommendations, and Federal Specifications for building and construction materials, fixtures, supplies, and equipment are listed herein.

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COMMERCIAL STANDARDS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Blinds; venetian; wood-slat.....	CS 61-37	5¢
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Burners, oil, mechanical-draft, automatic (second ed.).....	CS 75-42	10¢
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Enamelled cast iron plumbing fixtures (second editition)	CS 77-48	10¢
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Furnaces, forced-air, solid-fuel-burning.....	CS109-44	10¢
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Furnaces, warm-air (equipped with oil-burners, vaporizing pot-type) (second edition).....	CS104-46	15¢
Hardware, builders' (nontemplate) (second edition).....	CS 22-40	10¢
Hardware, builders' (template) (second edition).....	CS 9-33	10¢
Hardware cloth.....	CS132-46	5¢
Hardwood plywood (third edition).....	CS 35-47	10¢
Heaters (space); oil burning, flue-connected (with vaporizing-pot-type burners).....	CS101-43	10¢
Homes; prefabricated (second edition).....	CS125-47	10¢
Lumber, hardwood dimension (second edition).....	CS 60-48	10¢
Lumber, tank stock; cedar, cypress and redwood.....	CS 92-41	5¢
Mineral wool insulation for heated industrial equipment (second edition) (mimeographed).....	CS117-49	Free
Mineral wool insulation for low temperatures (second edition).....	CS105-48	10¢
Mirrors (second edition).....	CS 27-36	10¢
Nipples, pipe; brass, copper, steel, and wrought iron (second edition).....	CS 5-46	5¢
Paneling, solid hardwood, wall.....	CS 74-39	5¢
Pipe, bituminized-fiber; drain and sewer.....	CS116-44	5¢
Pipe; lead.....	CS 95-41	5¢
Plumbing fixtures, earthenware (vitreous-glazed).....	CS111-43	5¢
Plumbing fixtures, enameled cast iron (second edition).....	CS 77-48	10¢
Plumbing fixtures, staple vitreous china (fourth ed.)..	CS 20-47	10¢
Plumbing fixtures, formed metal porcelain enameled.....	CS144-47	10¢

<u>Title</u>	<u>Series</u>	<u>Price</u>
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Plywood, hardwood (third edition).....	CS 35-47	10¢
Plywood; hemlock, western.....	CS122-45	5¢
Screening, wire; insect.....	CS138-47	5¢
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Stair treads and risers, hardwood.....	CS 89-40	5¢
Tanks for domestic use, porcelain-enameded (mimeo.)....	CS115-44	Free
Tents, cotton fabric, tarpaulins and covers (second ed.)	CS 28-46	5¢
Traps and bends; lead.....	CS 96-41	5¢
Trim and molding; hardwood interior.....	CS 76-39	5¢
Utensils, steel, porcelain-enameded (third edition)....	CS100-47	10¢
Veneers, walnut.....	CS 64-37	5¢
Wallboard; fiber, homogeneous.....	CS112-43	5¢
Wood-preservative; copper naphthenate (for brush, dip, and spray application).....	CS152-48	5¢

While the supply lasts, mimeographed copies of the above Commercial Standards are available without charge from the National Bureau of Standards, Washington 25, D. C.

#### SIMPLIFIED PRACTICE RECOMMENDATIONS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Aggregates, coarse (crushed stone, gravel, and slag)...	R 163-48	10¢
Asbestos paper and asbestos millboard.....	R 19-37	5¢
Asphalt.....	R 4-36	5¢
Asphalt roll roofing and asphalt and tar-saturated felt products.....	R 213-45	5¢
Bars, steel, reinforcing.....	R 26-49	10¢
Boilers, range; expansion and solar tanks; ferrous....	R 8-47	5¢
Boilers, range; nonferrous.....	R 181-41	5¢
Boilers, steel, heating, horizontal firebox (mimeo.)...	R 157-49	Free
Bolts and nuts.....	R 169-45	10¢
Brick, common; and rough and smooth face.....	R 7	5¢
Brick, paving, vitrified.....	R 1-40	5¢
Brick, sand-lime.....	R 38-37	5¢
Building units, concrete.....	R 32-38	5¢
Clay sewer pipe and fittings.....	R 211-45	10¢
Conductors, copper; (for building purposes) (mimeo.)...	R 180-41	Free
Copper and copper-alloy round seamless tube.....	R 235-48	5¢
Copper water tube and copper and brass pipe.....	R 217-49	10¢
Doors, hollow metal; single acting swing; frames & trim	R 82-28	5¢
Doors, kalamein; single acting swing; frames and trim..	R 83-28	5¢
Eaves trough, conductor pipe; and fittings.....	R 29-49	10¢
Fencing, galvanized woven-wire; and barbed wire.....	R 9-47	10¢
Fittings, pipe (gray cast iron, malleable iron, and brass or bronze).....	R 185-47	10¢
Fittings, solder-joint, cast brass.....	R 212-45	5¢

Simplified Practice Recommendations - cont.

<u>Title</u>	<u>Series</u>	<u>Price</u>
Forms for concrete joist construction floors.....	R 87-32	5¢
Hardware, builders' (nontemplate) (Standards for Builders Hardware are set forth in Commercial Stand. CS22-40)	R 18	5¢
Hot-rolled carbon steel structural shapes.....	R 216-46	10¢
Insulating-board, structural (wood or other vegetable fiber).....	R 179-46	5¢
Joists, steel, open web.....	R 94-30	5¢
Lath, metal (expanded and sheet) and metal plastering accessories.....	R 3-44	5¢
Lights; sidewalk, floor, and roof.....	R 49	5¢
Lumber, softwood (includes shingles and mouldings).....	R 16-39	20¢
Nails, wire, copper.....	R 150-34	5¢
Nails, wire; and staples.....	R 223-47	10¢
Paints, varnishes, and related products (colors and containers) (mimeographed).....	R 144-45	Free
Partitions, metal; for toilets and showers.....	R 101-40	5¢
Pipes, ducts, and fittings for warm-air heating and air conditioning.....	R 207-49	10¢
Pipe, stove, and accessories.....	R 190-42	5¢
Pipe, wrought-iron and wrought-steel; and valves and fittings.....	R 57-32	5¢
Plumbing fixture fittings and trim for housing.....	R 227-47	5¢
Plumbing fixtures, hospital.....	R 106-41	5¢
Radiators, cast-iron.....	R 174-47	5¢
Refrigerator, ice compartment sizes (mimeographed).....	R 109-29	Free
Roofing, iron and steel.....	R 78-28	5¢
Roofing ternes.....	R 30-42	5¢
Rope, wire.....	R 198-43	10¢
Screen cloth, insect, wire.....	R 122-31	5¢
Shades, cloth, window.....	R 199-43	5¢
Slate, blackboard.....	R 15-35	5¢
Slate, roofing (mimeographed).....	R 14-28	Free
Slate, structural (mimeographed).....	R 13-28	Free
Spirals, steel, reinforcing.....	R 53-32	5¢
Steel, sheet (mimeographed).....	R 28-29	Free
Tacks (cut) and small cut nails (mimeographed).....	R 47-49	Free
Tanks, storage, hot water (mimeographed).....	R 25	Free
Tile, asphalt.....	R 225-47	5¢
Tile, building, hollow.....	R 12	5¢
Tiles, clay; for floors and walls.....	R 61-44	10¢
Traps, lavatory and sink.....	R 21-46	5¢
Valves, automatic regulating.....	R 219-46	5¢
Valves, brass or bronze (gate, globe, angle, and check).....	R 183-46	5¢
Valves, iron (gate, globe, angle, and check).....	R 184-47	5¢
Welded-wire fabric reinforcement for concrete pipe.....	R 234-48	5¢
Windows, steel, solid section (mimeographed).....	R 72	Free
Simplified practice, its purpose and application (mimeo.)	LC590	Free

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FEDERAL SPECIFICATIONS

List of Building and Construction Materials, Fixtures, Supplies,  
and Equipment arranged by Commodity Groups.

<u>ANIMAL PRODUCTS</u>	<u>Specification Symbol</u>
Felt; hair.....	C-F-202 10¢
Glue; animal (for) woodworking.....	C-G-451
Glue; casein-type, water-resistant.....	C-G-456
Glue; liquid.....	C-G-463
Glue; resin-type (liquid and powder).....	C-G-496

CABLE AND WIRE

Cable, armored (including lead covered types and armored cord); 0 to 600-volt service.....	J-C-71
Cable, Cord, and Wire; electric, flexible, cotton-covered (general service).....	J-C-86
Cable and Wire; rubber-insulated, building-type (0 to 5000-volt service).....	J-C-103 10¢
Cable and Wire; rubber-insulated (for) other than building-purposes, superaging-grade (0 to 8000-volt service)....	J-C-121
Cable and Wire; thermoplastic-insulated, building-type, (0 to 600-volt service).....	J-C-129
Cable and Wire; varnished-cloth-insulated (0 to 5000-volt service).....	J-C-138
Cable and Wire; weather-resistant.....	J-C-145

CANVAS ARTICLES

Paulins and Covers; duck (Tarpaulins).....	K-P-146
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CHEMICALS

Acid; hydrochloric (muriatic), technical-grade.....	O-A-86
Calcium-chloride; hydrated, technical-grade.....	O-C-106
Fire-Extinguishers; chemical, hand, carbon-tetrachloride type	O-F-351
Fire-Extinguishers; chemical, hand, soda-and-acid type.....	O-F-355
Fire-Extinguishers; hand, portable, foam-type.....	O-F-361
Fire-Extinguishers; hand, portable, pump-tank-type.....	O-F-367
Fire-Extinguishing-Liquid; carbon-tetrachloride base.....	O-F-380
Flux, soldering; paste.....	O-F-506
Paste, linoleum.....	O-P-106

CLEANING AND POLISHING MATERIALS

Cloth; abrasive, aluminum-oxide.....	P-C-451
Compound; cleaning, soap-abrasive-type (for painted surfaces)	P-C-565
Compound; sweeping.....	P-C-591
Oil, floor; mineral.....	P-O-361
Paper; abrasive, artificial, waterproof.....	P-P-101
Paper; flint.....	P-P-111
Paper; garnet.....	P-P-121
Paper; garnet, waterproof.....	P-P-126

**CLEANING AND POLISHING MATERIALS (Cont.)**

	<u>Specification</u>
	<u>Symbol</u>
Polish; furniture, liquid.....	P-P-552
Polish; metal.....	P-P-556
Powder; scouring (for) floors.....	P-P-591
Powder; scouring (for) highly-polished glass.....	P-P-596
Soap-Powder.....	P-S-606
Soap; toilet, powdered (for) dispensers.....	P-S-626
Soap-Borax-Compound; toilet (for) dispensers.....	P-S-628
Wax, floor; solvent-type liquid (with resins).....	P-W-134
Wax, floor; water-emulsion.....	P-W-151
Wax, general-purpose; solvent-type, liquid and paste (for floors, furniture, etc.).....	P-W-158
Wax, carnauba.....	JJJ-W-141

**COAL AND PRODUCTS**

Coke; (coal).....	Q-C-571
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**COAL-TAR AND PRODUCTS**

Pitch; coal-tar (for) mineral-surfaced built-up roofing waterproofing and damoproofing.....	R-P-381
Tar; (for) joint filler.....	R-T-111
Tars; (for use in) road-construction.....	R-T-143

**COOKING AND HEATING APPARATUS, FURNACES AND OVENS  
(non-electric)**

Forges; portable, coal-burning.....	S-F-571
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**CORDAGE, TWINE, AND PRODUCTS**

Cord, sash; cotton, braided.....	T-C-571
Mops; cotton.....	T-M-561

**ELECTRIC-APPAPATUS**

Bases; cut-out (for) enclosed-cartridge, open-link, and plug-fuses.....	W-B-81
Batteries and Cells; dry.....	W-B-101
Batteries, storage; ignition, lighting and starting.....	W-B-131
Blasting-Apparatus (Machines, blasting; galvanometers and rheostats for testing blasting circuits and machines) ..	W-B-411
Boxes and Outlet-fittings, floor; (for) rigid-steel-conduit and electric-metallic-tubing (steel).....	W-B-616
Cleaners, vacuum; electric, portable.....	W-C-421
Clock-Systems; electric.....	W-C-471
Conduit and Fittings; asbestos-cement (for) electrical purposes.....	W-C-571
Conduit and Fittings; fiber, bituminized.....	W-C-581
Connectors, wire; pressure, solderless (for electric cable and wire).....	W-C-601
Drills; electric, portable (exclusive of high-frequency types)	W-D-661

## ELECTRIC-APPARATUS (Cont.)

<u>Specification</u>	<u>Symbol</u>
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Electrodes; carbon, amorphous.....	W-E-441
Fans, electric; bracket and desk types, rigid-blades (for shore use).....	W-F-101
Fire-Alarm-Systems; electric, manual, coded, positive noninterfering-type.....	W-F-391
Fire-Alarm-Systems; electric, manual, coded, shunt Noninterfering-type.....	W-F-396
Fire-Alarm-Systems; electric, manual, noncoded type.....	W-F-398
Fittings; cable and conduit.....	W-F-406
Flashlights; electric, hand (without batteries).....	W-F-421
Fuses; cartridge, inclosed, nonrenewable.....	W-F-791
Fuses; cartridge, inclosed, renewable (fusible links not separately inclosed); and Renewable-Links therefor.....	W-F-803
Fuses; cartridge, inclosed, renewable (fusible links separately inclosed).....	W-F-805
Fuses; plug, nonrenewable.....	W-F-831
Grinders, bench, electric.....	W-G-656
Grinders; electric, portable.....	W-G-663
Heaters, electric; water, storage, domestic.....	W-H-196
Hot-Plates; electric.....	W-H-636
Irons, soldering; electric.....	W-I-681
Lamps; electric, incandescent, large, tungsten-filament.....	W-L-101
Lamps; electric, incandescent, large, tungsten-filament.....	W-L-101 1950 Sup.
Lamps; electric, incandescent, miniature, tungsten-filament.	W-L-111
Lamps; electric, incandescent, miniature, tungsten-filament.	W-L-111 1950 Sup.
Lamp-Auxiliaries; fluorescent.....	W-L-131
Lamp-Auxiliaries; fluorescent.....	W-L-131 1945 Sup.
Lampholders (Sockets); medium-screw-shell, general service..	W-L-142 10¢
Lampholders (Sockets); medium-screw-shell, weatherproof.....	W-L-146
Machines, floor-polishing and scrubbing; electric.....	W-M-46
Outlet-Bodies; iron (cast or malleable), cadmium or zinc- coated with covers and accessories (for shore use).....	W-O-806
Outlet-Boxes; steel, cadmium or zinc-coated, with covers and accessories.....	W-O-821
Panelboards; equipped with automatic-circuit-breakers.....	W-P-131
Panelboards; equipped with fuse-connections or switches and fuse-connections.....	W-P-146
Pullers, fuse.....	W-P-796
Raceways and Fittings; metallic, surface.....	W-R-32
Raceways and Fittings; metallic, underfloor.....	W-R-36
Raceways and Fittings; nonmetallic, underfloor.....	W-R-41
Ranges; electric, domestic, cabinet-type.....	W-R-101
Receptacles (convenience-outlets); adapters, attachment- plug-caps, cord-connector-bodies, current-taps, motor-base-plugs, and plug-bodies; 250-volts.....	W-R-151 30¢
Switches; knife, open-type, front- and rear-connected.....	W-S-871
Switches; snap, miscellaneous.....	W-S-890
Switches; snap, multiple-type and combination-devices, flush-type, with wall-plates.....	W-S-893
Switches; snap, single-unit, interchangeable, flush-type with wall-plates.....	W-S-896

## ELECTRIC-APPARATUS (Cont.)

<u>Specification</u>	<u>Symbol</u>
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Transformers; distribution, single-phase, 60-cycles (100 KV-A and below; 15,000 volts and below).....	W-T-631 10¢
Units, heating, electric; replacement (for water-heaters, ranges, and hot-plates).....	W-U-546
Watchmen's-Report systems.....	W-W-101

FURNITURE

Beds; hospital.....	AA-B-201
Beds; hospital (adjustable spring bottom).....	AA-B-211
Cabinets; filing, insulated, fire-resisting.....	AA-C-23
Cabinets; stationery, storage, and clothing (steel).....	AA-C-31
Cases; transfer, steel.....	AA-C-121
Chairs; bent-wood.....	AA-C-281
Chairs; folding, metal.....	AA-C-291
Chairs; office, wood.....	AA-C-311 10¢
Chairs; operating, dental, motorless.....	AA-C-326
Chairs, wheel; invalid.....	AA-C-346
Costumers; wood.....	AA-C-556
Cots; folding, canvas.....	AA-C-571
Cots; folding, hospital, steel.....	AA-C-581
Desks; steel.....	AA-D-191
Desks; wood.....	AA-D-201
Furniture and Cabinets; office, sectional, steel.....	AA-F-791 10¢
Furniture and Cabinets; office, sectional, wood.....	AA-F-801
Lockers; clothes, steel.....	AA-L-486
Refrigerators; electric, portable.....	AA-R-211
Safes; burglar-resisting.....	AA-S-71
Safes; insulated.....	AA-S-81
Settees; wood.....	AA-S-256
Shelving; steel, storage.....	AA-S-271
Stands; dictionary.....	AA-S-671
Stools; foot.....	AA-S-691
Stools; wood.....	AA-S-701 10¢
Tables; office, steel.....	AA-T-91
Tables; and Typewriter-Stands, wood.....	AA-T-101
Wardrobes; wood.....	AA-W-131

GENERATORS AND MOTORS

Motors; alternating-current, fractional-horsepower, single-phase and universal.....	CC-M-636
Motors; alternating-current, integral-horsepower.....	CC-M-641 10¢

GLASS AND GLASSWARE

Chimneys and Globes (lamp and lantern); glass.....	DD-C-311
Glass; flat (for) glazing purposes.....	DD-G-451
Glass; flat, glazing (for) transmitting not less than 25% of ultra-violet radiation at wave length 302 millimicrons	DD-G-476
Glasses, gage; reflex and round, tank (for pressures under 125 pounds).....	DD-G-496
Glasses, gage; round, boiler, (for pressures 125 pounds and over).....	DD-G-511

<u>HARDWARE</u>	<u>Specification</u>
	<u>Symbol</u>

Bearings; ball.....	FF-B-171	20¢
Bearings; roller.....	FF-B-186	10¢
Bolts, lag; steel (lag-screws).....	FF-B-561	
Bolts; Nuts; Studs; and Tap-Rivets (and material for same)...	FF-B-571	
Casters; metal-chair.....	FF-C-81	
Casters; truck.....	FF-C-86	
Casters; wood-chair.....	FF-C-91	
Dispensers; soap.....	FF-D-396	
Hardware, builders'; locks and lock-trim.....	FF-H-106	25¢
Hardware, builders'; shelf and miscellaneous.....	FF-H-111	25¢
Hardware, builders'; hinges (nontemplate).....	FF-H-116	10¢
Hardware, builders'; door-closers.....	FF-H-121	
Hardware and Fittings; (for) lavatory partitions and inclosures.....	FF-H-136	
Nails; Spikes; Staples; and Tacks.....	FF-N-101	10¢
Padlocks.....	FF-P-101	
Pins; cotter, split.....	FF-P-386	
Pulleys; eye, single sheave, with attachment for balkan frame, (for) hospitals.....	FF-P-806	
Screws, machine; (including screws, set).....	FF-S-91	
Screws; wood.....	FF-S-111	
Turnbuckles.....	FF-T-791	
Wool; steel.....	FF-W-556	

### INSTRUMENTS

Boards; drawing.....	GG-B-546
Clocks; pendulum (for) general purposes.....	GG-C-451
Clocks; synchronous-motor (for) general purposes.....	GG-C-466
Gages; pressure, (for) direct-stem-mounting.....	GG-G-66
Gages; pressure and vacuum (for) air, ammonia, oil, steam, and water.....	GG-G-76
Gages; sheet-metal, twist drill, and wire.....	GG-G-86
Hydrometers; syringe (for lead-acid storage batteries).....	GG-H-941
Instruments; drawing; nickel-silver (first-grade).....	GG-I-531
Triangles; plastic, transparent.....	GG-T-671
T-Squares; plastic, wood, and wood-and-plastic.....	GG-T-711

### INSULATING MATERIALS

Brick; fire-clay.....	HH-B-671
Brick; silica.....	HH-B-681
Cement, insulation; thermal; mineral-wool.....	HH-C-168
Cement; silica.....	HH-C-176
Clay; fire, ground.....	HH-C-451
Compound; plumbing-fixture-setting.....	HH-C-536
Cork; compressed (corkboard) (for thermal insulation).....	HH-C-561
Cork; granulated, insulating.....	HH-C-571
Cork-Composition; gasket and sheet.....	HH-C-576
Cotton-Fabric; woven, asphalt-saturated.....	HH-C-581
Cotton-Fabric; woven, coal-tar-saturated.....	HH-C-591

## INSULATING MATERIALS (Cont.)

<u>Specification</u>	<u>Symbol</u>
Felt, asbestos; asphalt-saturated, coated, for built-up roofing.....	HH-F-182
Felt, asbestos; asphalt-saturated, uncoated, for flashings, roofing, and waterproofing.....	HH-F-185
Felt; asphalt-saturated (for) flashings, roofing, and waterproofing.....	HH-F-191
Felt; coal-tar-saturated (for) roofing and waterproofing....	HH-F-201
Filler, expansion-joint, preformed; nonextruding-bituminous-fiber-type (for concrete).....	HH-F-334
Filler, expansion-joint, preformed; nonextruding and resilient-types (for concrete).....	HH-F-341
Gaskets; asbestos-copper, corrugated.....	HH-G-71
Gaskets; asbestos, metallic-cloth.....	HH-G-76
Gaskets; metallic-encased.....	HH-G-101
Gaskets; plumbing-fixture-setting.....	HH-G-116
Gaskets; rubber (natural or synthetic), molded sheet, and strip.....	HH-G-156
Insulation; building, mineral-wool batts, loose-fill and granular-fill.....	HH-I-521
Insulation; cotton batts.....	HH-I-528
Insulation; glass, cellular, block.....	HH-I-551
Insulation (glass-fiber); semi-rigid.....	HH-I-556
Insulation; laminated-asbestos.....	HH-I-561
Insulation, Mineral-Wool; blanket, felt, and industrial-batt (for heated surfaces).....	HH-I-563
Insulation, Mineral-Wool; block and board (for heated surfaces)	HH-I-564
Insulation; pipe, laminated-felt (for temperatures between 40° and 212° F).....	HH-I-567
Insulation (vegetable or wood-fiber); blanket, felt, and loose-fill.....	HH-I-571
Insulation, vermiculite; block and pipe-covering (molded)....	HH-I-578
Magnesia; block, cement, and pipe-covering (molded).....	HH-M-61
Millboard; asbestos.....	HH-M-351
Mineral-Wool; blocks and pipe-covering (molded type) and felt, for low temperatures.....	HH-M-371
Mortar; air-setting, refractory, bonding, (wet and dry types)	HH-M-611
Mortar; heat-setting, refractory.....	HH-M-622
Packing; asbestos, metallic-cloth, sheet and tape.....	HH-P-31
Packing; asbestos, rod, braided.....	HH-P-34
Packing; asbestos, rod, high-pressure.....	HH-P-36
Packing; asbestos, rope and wick.....	HH-P-41
Packing; asbestos, sheet, compressed.....	HH-P-46
Packing; asbestos, valve-stem.....	HH-P-51
Packing; diaphragm.....	HH-P-61
Packing; fabric, condenser-tube.....	HH-P-71
Packing; fiber, hard, sheet.....	HH-P-91
Packing; fiber, (animal or plant); sheet (for) lubricating and fuel-oil.....	HH-P-96
Packing; flax or hemp.....	HH-P-106
Packing; hydraulic.....	HH-P-112
Packing; jute, twisted.....	HH-P-117
Packing; metallic, flexible.....	HH-P-126
Packing; metallic, flexible, condenser-tube.....	HH-P-128

## INSULATING MATERIALS (Cont.)

	Specification Symbol
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Packing; metallic and nonmetallic, plastic.....	HH-P-131
Packing; rubber; cloth-insertion.....	HH-P-151
Packing; semimetallic.....	HH-P-166
Packing; spiral, gland, low-pressure.....	HH-P-171
Phenolic-Condensation-Products; laminated (for electric purposes).....	HH-P-256
Pipe-Covering; cork, molded.....	HH-P-381
Pipe-Covering; mineral-wool (molded-type and blanket-type for heated pipes).....	HH-P-387
Refractories; fire-clay, plastic.....	HH-R-191
Tape; friction.....	HH-T-101
Tape; rubber (natural and synthetic), insulating.....	HH-T-111
Tubing; flexible, nonmetallic.....	HH-T-791

KNIT GOODS, NETTING, AND WEBBING

Gloves; working, cotton, with-leather-palm.....	JJ-G-451
Hose; fire, linen, unlined.....	JJ-H-571

LEATHER AND LEATHER-GOODS

Leather; artificial (upholstery).....	KK-L-136
Leather; upholstery.....	VK-L-291

LUMBER

Lumber and Timber; hardwood.....	NM-L-736
Lumber and Timber; softwood.....	MM-L-751

LUMBER PRODUCTS

Handles; ash (for) tools.....	MN-H-81
Handles; hickory; striking-tool.....	MN-H-93 10¢
Handles; mop.....	MN-H-101
Handles; wood, miscellaneous (for) tools.....	MN-H-106

MACHINERY

Air-Conditioning-Units (room-coolers); electric-motor-driven, portable.....	OO-A-361
Coolers, drinking-water; electric.....	OO-C-566
Grinders; bench, hand-power.....	OO-G-661
Hammers; electric, portable.....	OO-H-103
Sanders, portable; belt, disk, and oscillating.....	OO-S-101

METALS

Bars; reinforcement, (for) concrete.....	QQ-B-71
Bases, metal; (for) plaster and stucco construction.....	QQ-B-101
Copper; bars, plates, rods, shapes, sheets, and strips.....	QQ-C-501
Culverts; iron or steel, zinc-coated.....	QQ-C-806
Iron and Steel; sheet, zinc-coated (galvanized).....	QQ-I-716
Lead; calking.....	QQ-L-156
Lead; sheet.....	QQ-L-201

<u>METALS (Cont.)</u>	<u>Specification Symbol</u>
Solder; soft (tin, tin-lead, and lead-silver).....	QQ-S-571
Steel; carbon (low-carbon), sheets and strips.....	QQ-S-636
Steel, structural (including welding) and rivet; (for) bridges and buildings.....	QQ-S-741
Steel, Corrosion-Resisting; plates, sheets, strips, and structural-shapes.....	QQ-S-766
Terne-Plate (long-ternes).....	QQ-T-191
Terne-Plate (for roofing).....	QQ-T-201
Zinc; plates, sheets, and strips.....	QQ-Z-301

METAL PRODUCTS

Cloth; wire, screen.....	RR-C-451
Fencing; chain-link or welded.....	RR-F-191
Fencing; wire (barbed, netting, and woven), black and galvanized.....	RR-F-221
Gratings; steel, floor (except for Naval vessels).....	RR-G-661
Rope; wire.....	RR-R-571
Tile, wall; sheet iron or steel, porcelain-enamelled.....	RR-T-421
Treads; safety, metallic.....	RR-T-661

MINERALS AND PRODUCTS (nonmetallic)

Acoustic-Materials; (for) plastic application.....	SS-A-111
Acoustical-Units; prefabricated.....	SS-A-118
Aggregate; (for) portland cement concrete.....	SS-A-281
Asphalt; (for) built-up roofing, waterproofing, and dampproofing.....	SS-A-666
Asphalt; cut-back (for) road-work.....	SS-A-671
Asphalt; emulsion (for) road-work.....	SS-A-674
Asphalt; petroleum, type PAF-1-25, (for) joint-filler (Squeegee or pouring method).....	SS-A-696
Asphalt-Primer; (for) roofing and waterproofing.....	SS-A-701
Asphalt; (for use in) road and pavement construction.....	SS-A-706
Brick; building, (common), clay.....	SS-B-656
Brick; concrete.....	SS-B-663
Brick; paving.....	SS-B-671
Brick; sand-lime.....	SS-B-681
Brick; sewer, clay.....	SS-B-691
Cement; bituminous, plastic.....	SS-C-153
Cements, hydraulic; general specifications (methods for sampling, inspection, and testing).....	SS-C-158
Cement; Keene's.....	SS-C-161
Cement; masonry.....	SS-C-181
Cements; portland.....	SS-C-192
Cement; portland, pozzolana.....	SS-C-208
Chalk, carpenters' and railroad.....	SS-C-255
Compound, jointing; sulfur (for bell-and-spigot cast-iron pipe).....	SS-C-608
Concrete-Units; masonry, hollow.....	SS-C-621

## MINERALS AND PRODUCTS (nonmetallic) (Cont.)

SpecificationSymbol

Crushed-Stone, Crushed-Gravel, and Crushed-Slag; (for)		
binder-course, sheet-asphalt-pavement.....	SS-C-726	
Crushed-Stone, Crushed-Gravel, and Crushed-Slag; (for)		
bituminous-concrete-base or surface-course.....	SS-C-731	
Crushed-Stone and Crushed-Slag; (for) bituminous-macadam-		
base or surface-course.....	SS-C-736	
Crushed-Stone, Crushed-Slag, and Gravel; (for) Bituminous		
surface-treatment.....	SS-C-741	
Crushed-Stone, Crushed-Slag, and Gravel; (for) sewage		
trickling filter media.....	SS-C-744	
Crushed-Stone and Crushed-Slag; (for) waterbound-base		
or wearing-course.....	SS-C-746	
Filler; joint-sealing, hot-poured type (for concrete).....	SS-F-336	
Granite-Blocks; recut granite, and durax granite pavements...	SS-G-651	
Lime; hydrated (for) structural purposes.....	SS-L-351	
Lime; hydraulic, hydrated.....	SS-L-361	
Materials; (for) cushion course, brick, stone-block, or wood-		
block pavements (sand, slag, limestone, screenings,etc.)	SS-M-51	
Mineral-Filler; (for) sheet asphalt or asphaltic concrete pave-		
ments (portland cement, limestone dust and dolomite dust)	SS-M-351	
Pipe; asbestos-cement.....	SS-P-351	
Pipe; clay, sewer.....	SS-P-361	
Pipe; concrete, non-pressure, non-reinforced and reinforced..	SS-P-371	
Plaster; gypsum.....	SS-P-402	
Plaster-Board; gypsum.....	SS-P-431	
Quicklime; (for) structural purposes.....	SS-Q-351	
Road and Paving-Materials; general specifications (methods		
for sampling and testing).....	SS-R-406	30¢
Roof-Coating; asphalt, brushing-consistency.....	SS-R-451	
Roofing; asphalt-prepared, smooth-surfaced.....	SS-R-501	
Roofing; asphalt and asbestos-prepared, mineral-surfaced.....	SS-R-511	
Roofing and Shingles; asphalt-prepared, mineral-surfaced.....	SS-R-521	
Roofing and Siding; corrugated, asbestos-cement.....	SS-R-524	
Roofing-Slabs; concrete, precast.....	SS-R-531	
Sand; (for) cement-mortar-bed, (for) brick, stone-block or		
wood-block pavements.....	SS-S-51	
Sand; (for) grout-filler, brick and stone-block pavements...	SS-S-61	
Sand; (for use in) sheet asphalt or bituminous concrete		
pavements.....	SS-S-71	
Sheathing-Board; gypsum.....	SS-S-276	
Sheets; flat, asbestos-cement.....	SS-S-283	
Sheets (corrugated) and Shapes; cement-asbestos.....	SS-S-284	
Shingles; roofing, cement-asbestos.....	SS-S-291	
Siding (shingles and clayboards); asbestos-cement.....	SS-S-346	
Slabs, roofing, precast, gypsum.....	SS-S-439	
Slate; roofing.....	SS-S-451	
Stone; architectural, cast.....	SS-S-721	
Stones, sharpening.....	SS-S-736	
Tile, asphalt.....	SS-T-306	
Tile, drain; clay.....	SS-T-310	
Tile; partition, gypsum.....	SS-T-316	
Tile; structural, clay, floor.....	SS-T-321	
Tile; structural, clay, load-bearing, wall.....	SS-T-341	
Tile; structural, clay, non-load-bearing.....	SS-T-351	
Wallboard; gypsum.....	SS-W-51	

PAINTS, PIGMENTS, VARNISHES AND PRODUCTSSpecificationSymbol

Aluminum-Pigment; powder and paste (for paint),.....	TT-A-468
Blue-Lead; basic sulphate, dry and paste-in-oil.....	TT-B-486
Bone-Black; dry (paint pigment).....	TT-B-600
Calcimine (cold- and hot-water-types).....	TT-C-96
Carbon-Black; dry (paint pigment).....	TT-C-120
Chrome-Green; pure, dry (paint pigment).....	TT-C-235
Chrome-Yellow and Chrome-Orange; dry (paint pigment).....	TT-C-290
Chromium-Oxide-Green; dry (paint pigment).....	TT-C-306
Compound, calking; plastic (for masonry and other structures)	TT-C-598
Copper-Pthalocyanine-Blue; dry (paint pigment).....	TT-C-610
Drier; paint, liquid.....	TT-D-651
Enamel; (for) drums and other metal products, rust-inhibiting, olive drab.....	TT-E-485
Enamel; heat-resisting (400° F), black.....	TT-E-496
Enamel; interior, gloss, tints and white.....	TT-E-506
Enamel; interior, semigloss, tints and white.....	TT-E-508
Enamel; lusterless, olive-drab (Primarily for nonmilitary use)	TT-E-514
Enamel; water-resisting, red.....	TT-E-531
Filler; wood, paste.....	TT-F-336
Indian-Red and Bright-Red; (Iron-Oxide) dry; (paint-pigments)	TT-I-511
Iron-Blue; dry (paint pigment).....	TT-I-677
Iron-Oxide; black, synthetic, dry (paint pigment).....	TT-I-698
Iron-Oxide; brown, synthetic, dry (paint pigment).....	TT-I-702
Lacquer; spraying, clear and pigmented (general use).....	TT-L-58
Lampblack; dry (paint-pigment).....	TT-L-70
Lithopone; dry (paint-pigment).....	TT-L-426
Magnesium-Silicate; dry (paint-pigment).....	TT-M-90
Metallic-Brown; dry (paint pigment).....	TT-M-251
Mineral-Red (Iron-Oxide), natural; dry (paint-pigments).....	TT-M-381
Ocher; yellow, dry (paint-pigment).....	TT-O-121
Oil; flattening and mixed (for thinning white-lead paste and similar paste paints).....	TT-O-356
Oil; linseed, boiled (for use in organic coatings).....	TT-O-364
Oil, linseed, raw (for use in organic coatings).....	TT-O-369
Oil; linseed-replacement (for use in organic coatings).....	TT-O-371
Oil; soybean; refined (for use in organic coatings).....	TT-O-388
Oil; tung (china-wood), raw (for use in organic coatings)....	TT-O-395
Paint; alkyd resin-emulsion, exterior, paste, tints and white	TT-P-18
Paint, blue-lead-base; basic-sulphate, linseed-oil, ready-mixed.....	TT-P-20
Paint; cement-water, powder, white and tints (for interior and exterior-use).....	TT-P-21
Paint; cold-water, exterior, powder (with mixing liquid)....	TT-P-22
Paint; cold-water, interior, light-tints and white.....	TT-P-23
Paint; concrete and masonry, exterior, eggshell-finish, ready-mixed, white and tints.....	TT-P-24
Paint; exterior-primer, ready-mixed, white (under-coat for wood).....	TT-P-25
Paint; graphite, outside, ready-mixed, black.....	TT-P-27
Paint; iron-oxide, ready-mixed and semipaste, red and brown..	TT-P-31
Paint; oil, exterior, ready-mixed, light-tints and white....	TT-P-40
Paint; oil, interior, 1-coat-flat, heavy-bodied (for thinning), light-tints and white (combined sealer primer, and finish).....	TT-P-47

## PAINTS, PIGMENTS, VARNISHES AND PRODUCTS (Cont.)

SpecificationSymbol

Paint; oil, interior, wall, tints and white.....	TT-P-51
Paint; outside, ready-mixed, medium-chrome-yellow.....	TT-P-53
Paint; primer-sealer (for) plaster and wallboard.....	TT-P-56
Paint; ready-mixed, international-orange.....	TT-P-59
Paint; ready-mixed, black.....	TT-P-61
Paint; ready-mixed, exterior, chrome-green.....	TT-P-71
Paint; ready-mixed, olive-drab.....	TT-P-81
Paint, red-lead-base; linseed-oil, ready-mixed.....	TT-P-86
Paint; resin-base emulsion, interior, paste, tints and white.	TT-P-88
Paint; rubber-base, (for) cement-floors.....	TT-P-91
Paint; traffic, exterior, white and yellow.....	TT-P-115
Paint, Varnish, Lacquer, and related-materials; general specification for inspection, sampling, and testing.....	TT-P-141 \$2.00
Paint; varnish-base (for concrete and wood floors).....	TT-P-146
Pigments-in-oil; paint colors.....	TT-P-381
Primer, paint; synthetic (for ferrous metal and wood surfaces)	TT-P-636
Primer, paint; zinc dust-zinc oxide (for galvanized (zinc-coated) or zinc surfaces).....	TT-P-641
Primer-Surfacer; synthetic, tints and white (for metal and wood hospital furniture).....	TT-P-659
Putty and Elastic-Compound; (for) metal-sash-glazing.....	TT-P-781
Putty; pure-linseed-oil, (for) wood sash-glazing.....	TT-P-791
Red-Lead; dry and paste-in-oil.....	TT-R-191
Remover; paint and varnish (organic-solvent-type).....	TT-R-251
Sealer, floor; lacquer-type (for oiled wood floors).....	TT-S-171
Sealer, floor; varnish-type (for wood and cork).....	TT-S-176
Shellac (orange) and other lacs.....	TT-S-271
Sienna; burnt and raw, dry (paint-pigment).....	TT-S-346
Stain; opaque, wood, exterior, oil.....	TT-S-706
Stain; wood, interior, non-bleeding.....	TT-S-711
Thinner; lacquer.....	TT-T-266
Thinner; paint, volatile mineral spirits (petroleum spirits).....	TT-T-291
Thinner; synthetic-enamel.....	TT-T-306
Titanium-Dioxide; dry (paint-pigment).....	TT-T-425
Toluidine-Red-Toner; dry (paint-pigment).....	TT-T-562
Turpentine; gum-spirits and wood (steam-distilled and sulphate), (for use in organic coatings).....	TT-T-801
Turpentine; wood (destructively-distilled), (for use in organic coatings).....	TT-T-806
Ultramarine-Blue; dry (paint-pigment).....	TT-U-450
Umber, burnt and raw; dry (paint-pigment).....	TT-U-481
Varnish; asphalt.....	TT-V-51
Varnish; damar.....	TT-V-61
Varnish; interior.....	TT-V-71
Varnish; mixing (for) aluminum-paint.....	TT-V-81
Varnish, Rubbing; cabinet.....	TT-V-86
Varnish; shellac.....	TT-V-91
Varnish; spar, water-resisting.....	TT-V-121
Varnish; spirit (shellac varnish replacement).....	TT-V-130
Venetian-Red; dry (paint-pigment).....	TT-V-226
White-Lead; basic-carbonate, dry, paste-in-oil, and semipaste containing volatile-thinner.....	TT-W-251
White-Lead; basic-sulphate, dry and paste-in-oil.....	TT-W-261

Wood-Preservative; anthracene-oil (for) brush, spray, and open-tank treatment.....	TT-W-531
Wood-Preservative; celcure (acid-cupric-chromate).....	TT-W-546
Wood-Preservative; chromated-zinc-chloride.....	TT-W-551
Wood-Preservative; coal-tar creosote.....	TT-W-556
Wood-Preservative; coal-tar-creosote (crystal-free), (for) brush, spray, or open-tank treatment.....	TT-W-560
Wood-Preservative; creosote-coal-tar-solution.....	TT-W-566
Wood-Preservative; creosote-petroleum-solution.....	TT-W-568
Wood-Preservative; recommended treating practice.....	TT-W-571
Wood-Preservative; Wolman-salt (Tanalith).....	TT-W-573
Wood-Preservative; zinc-chloride.....	TT-W-576
Wood-Preservative; zinc-meta-arsenite (ZMA).....	TT-W-581
Yellow-Iron-Oxide; hydrated, synthetic, dry (paint-pigment) ..	TT-Y-216
Zinc-Dust (Metallic-Zinc-Powder); dry (paint pigment).....	TT-Z-291
Zinc-Oxide; dry and paste-in-oil.....	TT-Z-301
Zinc-Oxide; leaded, dry and paste-in-oil.....	TT-Z-321
Zinc-Yellow (Zinc-Chromate); dry (paint-pigment).....	TT-Z-415

PAPER AND PRODUCTS

Paper; building, waterproofed.....	UU-P-147
Paper, kraft; concrete-curing, waterproofed.....	UU-P-264
Wallboard; composition.....	UU-W-101

PETROLEUM AND PRODUCTS

Kerosene.....	VV-K-211
Lubricant; chain, exposed-gear, and wire-rope.....	VV-L-751
Oil; cutting, mineral-fatty-oil-blend.....	VV-O-251
Oil; cutting, soluble.....	VV-O-261
Oil; fuel, (for) oil-burners.....	VV-O-326
Oil; illuminating, long-time-burning.....	VV-O-381
Oil; lubricating, turbine, dynamo, and high-speed steam engine	VV-O-661

PIPE, PIPE-FITTINGS, PLUMBING-FIXTURES, TUBES, AND TUBING (metallic)

Conduit; steel, flexible.....	WW-C-566
Conduit; steel, rigid, enameled.....	WW-C-571
Conduit; steel, rigid, zinc-coated.....	WW-C-581
Coupling; hose, cotton (rubber-lined) and linen (unlined)....	WW-C-621
*Couplings; hose, oil-suction and discharge.....	WW-C-626
Couplings; hose, pneumatic and spray (for working pressures up to 150 pounds per square inch).....	WW-C-631
Couplings; hose, steam.....	WW-C-636
Couplings; hose, water-suction.....	WW-C-646
Flange-Dimensions, standard; (classes 125 and 250 cast-iron flanges; classes 150, 250, and 300 bronze-flanges) (for land use).....	WW-F-406
Nipples, pipe; brass, steel, and wrought-iron.....	WW-N-351
Pipe, Bends and Traps; lead (for) plumbing and water-distribution.....	WW-P-325
Pipe; brass, seamless, iron-pipe-size, standard and extra-strong.....	WW-P-351
*Coupling; hose, garden and water.....	WW-C-623

\*Coupling; hose, garden and water.....

**PIPE, PIPE-FITTINGS, PLUMBING-FIXTURES, TUBES, AND TUBING**  
 (metallic) (Cont.)

	<u>Specification</u>
	<u>Symbol</u>
Pipe, cast-iron; drainage, vent, and waste (threaded).....	WW-P-356
Pipe; copper, seamless, iron-pipe-size, standard.....	WW-P-377
Pipe and Pipe-Fittings; soil, cast-iron.....	WW-P-401
Pipe; steel and ferrous-alloy (for) bending, flanging, etc. (iron-pipe-size).....	WW-P-404
Pipe; steel and ferrous-alloy (for) ordinary uses (iron-pipe-size).....	WW-P-406
Pipe; water, cast-iron (bell and spigot, and bolted-joint)....	WW-P-421
Pipe; wrought-iron, welded, black and zinc-coated.....	WW-P-441
Pipe-Fittings; bronze (screwed), 125- and 250-pound.....	WW-P-460
Pipe-Fittings (brushings, plugs, and locknuts); bronze and ferrous (screwed).....	WW-P-471
Pipe-Fittings; cast-iron, drainage.....	WW-P-491
Pipe-Fittings; cast-iron (screwed), 125- and 250-pound.....	WW-P-501
Pipe-Fittings; malleable-iron (screwed), 150-pound.....	WW-P-521
Plumbing-Fixtures; (for) land use.....	WW-P-541
Plumbing-Fixtures; (for) land use (Formed-Metal Plumbing-Fixtures).....	WW-P-542
Traps; radiator, thermostatic, brass or bronze low-pressure, 100 square-foot-size (for land use).....	WW-T-696
Tubes; boiler, steel.....	WW-T-731
Tubes; condenser and ferrule-stock, Admiralty-metal.....	WW-T-756
Tubing, aluminum (AL-2); round, seamless.....	WW-T-783
Tubing, aluminum (AL-24) (aluminum-copper-magnesium (1.5%)- manganese); round, seamless.....	WW-T-785
Tubing, aluminum-alloy (AL-17) (aluminum-copper, magnesium- manganese); round, seamless.....	WW-T-786
Tubing, aluminum-alloy (AL-52) (aluminum-magnesium- chromium); round, seamless.....	WW-T-787
Tubing, aluminum-alloy (AL-3) (aluminum-manganese), round, seamless.....	WW-T-788
Tubing, aluminum-alloy (AL-61) (aluminum-manganese-silicon); round, seamless.....	WW-T-789
Tubing, aluminum-alloy (AL-53), (aluminum-magnesium- silicon-chromium); round, seamless.....	WW-T-790
Tubing; brass, seamless.....	WW-T-791
Tubing; copper, seamless (for general use with I. P. S. flanged-fittings).....	WW-T-797
Tubing; copper, seamless (for use with solder joint or flared-tube fittings).....	WW-T-799
Tubing; electrical, metallic.....	WW-T-806
Unions; brass or bronze, 250-pounds.....	WW-U-516
Unions; malleable-iron or steel, 250-pounds.....	WW-U-531
Unions; malleable-iron or steel, 300-pounds.....	WW-U-536
Valves, bronze; angle, check, and globe, 125- and 150-pound, screwed and flanged (for land use).....	WW-V-51
Valves, bronze, gate; 125- and 150-pound, screwed and flanged (for land use).....	WW-V-54
Valves, cast-iron, gate; 125- and 250-pound, screwed and flanged (for land use).....	WW-V-58
Valves, cylinder; oxygen (for standard industrial cylinders)...	WW-V-61
Valves, radiator; air, thermostatic (gravity-steamheating- systems).....	WW-V-151

<u>RUBBER AND RUBBER-GOODS</u>	<u>Specification</u> <u>Symbol</u>
Cushion (underlay); carpet and rug, sponge-rubber.....	ZZ-C-811
Floor-Covering; rubber, sheet.....	ZZ-F-461
Hose; fire, cotton, rubber-lined.....	ZZ-H-451
Hose; gas (acetylene-hydrogen, air, and oxygen).....	ZZ-H-461
Hose; water, braided.....	ZZ-H-601
Hose; water, wrapped.....	ZZ-H-611
Mats, Floor; rubber, link-type.....	ZZ-M-46
Matting; rubber.....	ZZ-M-71
Matting; rubber (for use around electrical apparatus or circuits not exceeding 3,000 volts to ground).....	ZZ-M-81
Tile, floor, rubber.....	ZZ-T-301

#### TEXTILES (yardage)

Cloth; awning.....	CCC-C-406
Cloth; shade.....	CCC-C-521

#### TEXTILE PRODUCTS

Mats; cotton (for concrete-curing).....	DDD-M-148
Mats, door; fiber.....	DDD-M-156
Shades, window; rollers, slats, cords, and accessories.....	DDD-S-251

#### TOOLS

Adzes.....	GGG-A-151
Anvils; blacksmiths'	GGG-A-576
Awls.....	GGG-A-891
Axes.....	GGG-A-926
Bars; chisel, crow, pinch, and wrecking.....	GGG-B-101
Bits; screw-driver.....	GGG-B-376
Bits; woodboring; and chisels, mortising, hollow.....	GGG-B-383
Blades; hacksaw (hand).....	GGG-B-451
Braces; ratchet.....	GGG-B-671
Chisels, gouges, and slicks; woodworkers'	GGG-C-311
Clamps; and hand-screws.....	GGG-C-406
Coppers (irons); soldering.....	GGG-C-571
Countersinks; steel (carbon and high-speed).....	GGG-C-613
Cutlery; galley and kitchen.....	GGG-C-746
Cutters, glass; wheel type (for sheet-glass and round-gage-glass).....	GGG-C-751
Cutters; pipe.....	GGG-C-771
Drills; breast.....	GGG-D-651
Drills; hand.....	GGG-D-671
Frames; hack-saw.....	GGG-F-671
Gages; plug and ring, plain and thread.....	GGG-G-61
Goggles; eyecup, protective, impact-resisting (chippers', grinders', etc.).....	GGG-G-501
Goggles; eyecup, protective (welders').....	GGG-G-511
Goggles; rubber-frame.....	GGG-G-521
Hammers, mauls, and sledges.....	GGG-H-86
Hand-saw-sets.....	GGG-H-101

## TOOLS (Cont.)

SpecificationSymbol

Hatchets.....	GGG-H-131
Helmets; babbetting.....	GGG-H-171
Helmets and masks; (for) abrasive-cleaning.....	GGG-H-201
Helmets and shields (hand-held); welders'.....	GGG-H-211
Hoes; garden and mortar.....	GGG-H-496
Hoes; Mattocks; and picks.....	GGG-H-506
Hooks; bush (brush).....	GGG-H-601
Hooks; grass (sickle)s.....	GGG-H-608
Irons; calking, wood.....	GGG-I-671
Jacks.....	GGG-J-51
Knives; linoleum, plumbers'-chipping, putty-scraping, and shoe.....	GGG-K-481
Ladles; plumbers'.....	GGG-L-51
Levels and plumbs.....	GGG-L-211
Nail-sets.....	GGG-N-71
Picks; ice.....	GGG-P-323
Pipe-threads; taper (American-National).....	GGG-P-351
Planes.....	GGG-P-436
Pliers and nippers.....	GGG-P-471
Plumb-bobs.....	GGG-P-501
Pots, fire; gasoline and kerosene.....	GGG-P-596
Pullers; nail.....	GGG-P-791
Punches; bag, center, coopers' coppering, cutting, tinnings', and drive-pin.....	GGG-P-831
Rakes; hand.....	GGG-R-96
Rules.....	GGG-R-791
Saws.....	GGG-S-61
Scissors and shears.....	GGG-S-101
Screw-drivers.....	GGG-S-121
Scribers; machinists'.....	GGG-S-131
Scythes and snaths.....	GGG-S-186
Sets-and-headers; rivet, hand.....	GGG-S-246
Shears; tinnings', bench, and hand (snips).....	GGG-S-291
Shovels (scoops, spades, and spoons).....	GGG-S-326
Squares; carpenters', die-makers', and machinists'.....	GGG-S-656
Tapes; measuring, general-use.....	GGG-T-106
Torches, blow; hand.....	GGG-T-576
Tools; pipe-threading, hand.....	GGG-T-581
Trowels; plastering, cement, brick, and pointing.....	GGG-T-671
Vises.....	GGG-V-436
Wheelbarrows.....	KKK-W-291
Wrenches, bolt and nut; adjustable, open-end.....	GGG-W-631
Wrenches, bolt and nut; nonadjustable (open-end and box).....	GGG-W-636
Wrenches, bolt and nut; socket.....	GGG-W-641
Wrenches; pipe.....	GGG-W-651

<u>WOOD PRODUCTS</u>	<u>Specification Symbol</u>
Blinds; venetian, wood-slat.....	LLL-B-441
Carpet; cork.....	LLL-C-96
Charcoal.....	LLL-C-251
Fiber-Board; hard-pressed, structural.....	LLL-F-311
Fiber-Board; insulating.....	LLL-F-321
Floor-coverings; felt-backed.....	LLL-F-471
Insulation (redwood-bark, shredded).....	LLL-I-533
Ladders (extension, sectional, and straight); and Ladder-Shoes.....	LLL-L-51
Ladders; step.....	LLL-L-61
Linoleum; battleship.....	LLL-L-351
Linoleum; inlaid and molded.....	LLL-L-359
Linoleum; plain, jaspe and marbleized.....	LLL-L-367
Shades, window; wood-slat.....	LLL-S-256
Tile; cork.....	LLL-T-431